

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS

() Original () Supplemental () Substitute () PCT

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: Human parvovirus B19 proteins and virus-like particles, their production, and
their use in diagnostic assays and vaccines.

which is described and claimed in:

() the attached specification, or
 () the specification in the application Serial No. _____ filed _____;
 and with amendments through _____ (if applicable),
 (X) the specification in International Application No. PCT/NL90/00130, filed
 September 11, 1990, and as amended on March 13, 1992 (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
the Netherlands	8902301	September 14, 1989	(X) YES () NO
_____	_____	_____	() YES () NO
_____	_____	_____	() YES () NO
_____	_____	_____	() YES () NO
_____	_____	_____	() YES () NO
_____	_____	_____	() YES () NO

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

SERIAL NO.	U.S. FILING DATE	STATUS
_____	_____	() Patented () Pending () Abandoned
_____	_____	() Patented () Pending () Abandoned
_____	_____	() Patented () Pending () Abandoned

I hereby appoint : Thomas F. Moran(16,579), Christopher C. Dunham(22,031), Ivan S. Kavrukov(25,161)

of 30 Rockefeller Plaza, New York, New York 10112 (Tel. 212-977-9550) my attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

ASSIGNMENT

41-507
89101-3

WHEREAS Brown, Caroline Sarah
of Frans van Mierisstraat 85-huis, 1071 RM Amsterdam, the Netherlands

and each one of them, hereinafter referred to as ASSIGNOR, is a named inventor of an invention entitled: Human parvovirus B19 proteins and virus-like particles, their production, and their use in diagnostic assays and vaccines described and claimed in international application no. PCT/NL90/00130 filed September 11, 1990 ;and

WHEREAS, Rijksuniversiteit te Leiden
a State University organized and existing under and by virtue of the laws of the Netherlands , and engaged in business at Stationsweg 46, 2312 AV Leiden, the Netherlands hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, his or her entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention, and in and to any and all Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the day and month indicated below.

Date

April 15, 1992

RECORDED
PATENT AND TRADEMARK
OFFICE

MAY -4 1992

Signature

C.S. Brown

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ASSIGNMENT

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89101-3

WHEREAS Brown, Caroline Sarah
of Frans van Mierisstraat 85-huis, 1071 RM Amsterdam, the Netherlands

and each one of them, hereinafter referred to as ASSIGNOR, is a named inventor of an invention entitled: Human parvovirus B19 proteins and virus-like particles, their production, and their use in diagnostic assays and vaccines described and claimed in international application no. PCT/NL90/00130 filed September 11, 1990 ;and

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